

MR3721-4  
Serial Number: 10/774,481

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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended) An MP3 personal storage device adapted for wireless communication with a blue tooth equipped cellular phone and a blue tooth equipped data processing device remotely disposed therefrom and having an incoming call displaying function, said MP3 personal storage device comprises:

an earphone and a microphone;

a storage memory used to store MP3 digital files;

a memory control module coupled to at least said storage memory and a bluetooth module used to access MP3 digital files;

a signal processing module coupled to said earphone, said microphone and said memory control module for processing a digital signal, said signal processing module including:

(a) a voice transmission and encoder/decoder unit used to encode/decode a voice and convert data between an analog and a digital format compatible with cellular communication, and

(b) an MP3 decoder used to decode an MP3 digital file to a voice signal for output to said earphone;

MR3721-4  
Serial Number: 10/774,481

a blue tooth module coupled to said memory control module through a first output and said signal processing module through a second output for (a) receiving a remote data signal from the cellular phone and replying with a modulation signal, the remote data signal being sent to said signal processing module through said second output, and (b) receiving MP3 encoded data from the data processing device and sending said received MP3 encoded data to said memory control module through said first output; and

a monitor coupled to said signal processing module used to selectively display broadcast information produced after processing a remote MP3 digital file by said signal processing module, a content of MP3 digital files in said storage memory, and incoming call information automatically responsive to receiving said remote data signal from the cellular phone;

the MP3 personal storage device thereby being operable to establish duplex communication with the blue tooth equipped cellular phone and provide the voice communication capability of the blue tooth equipped cellular phone responsive to user selection of the incoming call.

Claim 2 (Previously presented) The MP3 personal storage device as in claim 1, wherein said memory control module is a card reader, said storage memory is a memory card detachably inserted to said card reader for expanding content of said storage memory.

MR3721-4  
Serial Number: 10/774,481

Claim 3 (Previously presented) The MP3 personal storage device as in claim 1, wherein said storage memory is a flash memory card.

Claims 4 - 10 (Cancelled).

Claim 11 (Previously presented) The MP3 personal storage device as in claim 1, wherein said remote data signal includes first voice signals sent to said earphone through said signal processing module, and said modulation signal includes second voice signals sent from said microphone through said signal processing module.

Claim 12 (Previously presented) The MP3 personal storage device as in claim 1, wherein said signal processing module interrupts transmission of said voice signal derived from said MP3 digital file to said earphone and outputs voice signals included in said remote data signal to said earphone responsive to a user being presented with said incoming call information and making a determination of whether to accept receipt of said remote data signal from the cellular phone, said signal processing module again outputting said voice signal derived from said MP3 digital file to said earphone responsive to termination of receipt of said remote data signal from the cellular phone.

MR3721-4  
Serial Number: 10/774,481

Claim 13 (Previously presented) The MP3 personal storage device as in claim 1, wherein said blue tooth module is detachable from said MP3 personal storage device.